

ABSTRACT

A release agent suitable for use in the baking industry. It includes an emulsion made from a food grade mineral oil, water, and an emulsifying agent. A vegetable oil may be optionally added. Suitable mineral oils include white oil and polydimethylsiloxane ("silicone oil"). Suitable vegetable oils include soybean oil, corn oil, sunflower oil, olive oil, peanut oil, safflower oil, cottonseed oil, and palm oil. The release agent can be made in a concentrated form suitable for dilution prior to use. Methods for making the release agent are disclosed. Methods for applying the release agent in the baking process are also disclosed. The use of the proposed release agent results in substantially less carbon fouling on the baking pans.